MAX On-The-Go/700

Secure and Fast Internet or VPN Connections Anywhere You Work.

peplink | PEPWAVE

MAX On-The-Go

PEPWAVE *MAX* mobile router

WAN 1
WAN 2
WAN 3
WAN 4

WAN 1 2 3 4   Wi-Fi Status

MAX 700

USB 1   LAN 1 2 3 4   WAN 1 WAN 2   Wi-Fi AP   Wi-Fi WAN   Status   Power   10V-30V DC   WAN

Turbocharged Mobile Access. Anytime. Everywhere.

The Pepwave MAX On-The-Go/700 bonds the bandwidth four 4G LTE/3G USB modems using SpeedFusion™ technology to deliver secure and fast Internet or VPN connections anywhere. You can even create your own hotspot or boost your bandwidth with available Wi-Fi connections, making the MAX On-The-Go/700 the ultimate mobile connectivity solution.

Compatible With:

verizon✓   Sprint   at&t   T··Mobile   lte

ROGERS   TELUS   Bell   U.S. Cellular

See a list of supported modems at peplink.com/modem

SpeedFusion™
Bonding Technology

SpeedFusion Bandwidth Bonding* and Seamless Failover

SpeedFusion bandwidth bonding technology bonds all connected bandwidth into a single superfast stream, using the same or different cellular providers.

Unparalleled Modem Compatibility

Supports 250+ USB cellular modems from more than 100 carriers. You can plug in and start surfing instantly. But if not, just connect your modem and turn on Remote Assistance – our engineers will get right to work on adding support for your modem.

InControl²
Setup. Manage. Report.

Acme

Central Management

InControl 2 is our cloud based device management, monitoring, and reporting tool. Manage your network with ease using the InControl 2.

Customize Captive Portal

Branding your captive portal is as easy as uploading your logo and terms & conditions. You can easily set bandwidth allowance and access duration per user or manage access using RADIUS.

Certified Toughness

In addition to rugged metal enclosure, MAX 700 has certifications on:
Shock and vibration resistance (EN 61373:1999, IEC 61373:1999)
Railway applications (EN 50155)
Electromagnetic Compatibility (EN 61000)
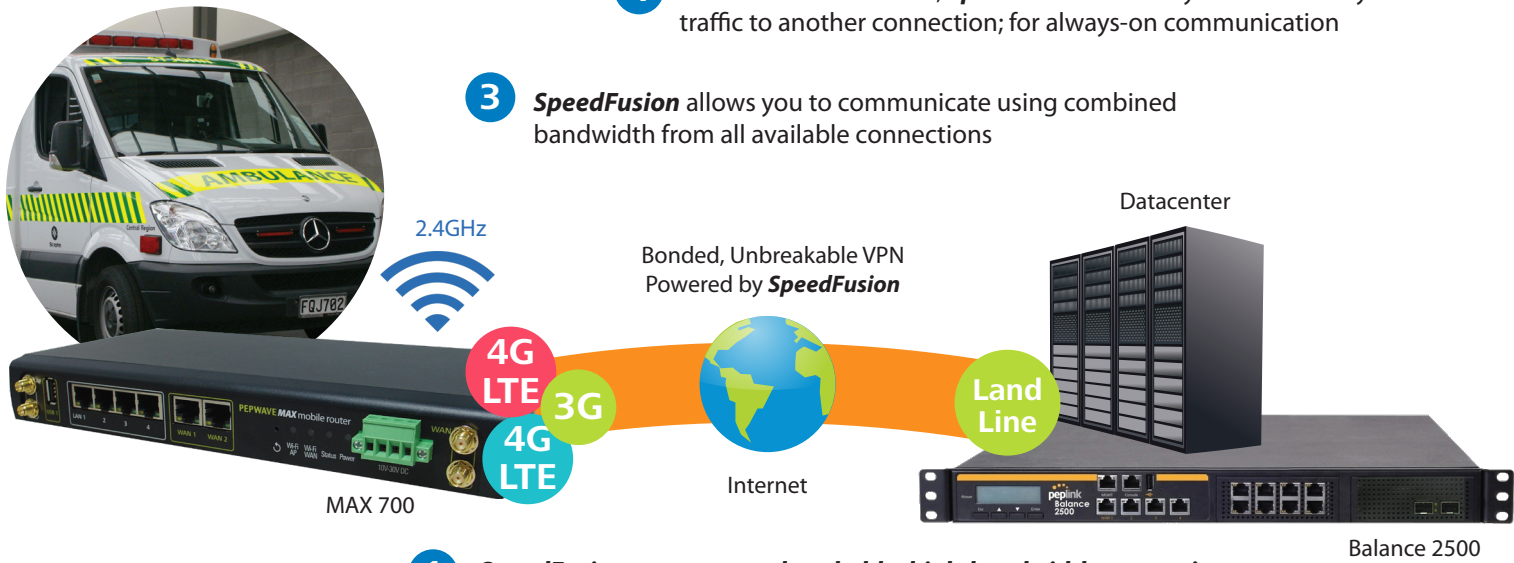
* Available on MAX 700 only.

Application

## First Responders – Unbreakable VPN for Mission-Critical Emergency Communication

2 Unbreakable VPN powers uninterrupted communication and resource access

4 In case of a WAN failure, *SpeedFusion* instantly and seamlessly switches traffic to another connection; for always-on communication

3 *SpeedFusion* allows you to communicate using combined bandwidth from all available connections

2.4GHz

Datacenter

Bonded, Unbreakable VPN
Powered by *SpeedFusion*

4G LTE
3G
4G LTE

Internet

Land Line

MAX 700

Balance 2500

1 *SpeedFusion* creates an *unbreakable, high-bandwidth connection* using multiple USB 4G LTE/3G modems from different carriers
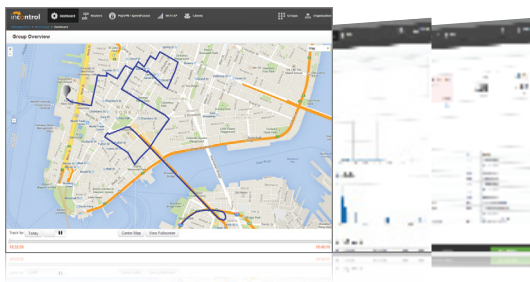
InControl²

Setup. Manage. Report.

5 InControl 2 provides complete cloud-based device management, monitoring, and reporting.

SMBs – Landline Alternative for Construction Site and Remote/Temporary Workstation

3 With MAX 700's built-in AP Controller, you can extend your Wi-Fi coverage with AP One, configure and get detailed access point usage reports anytime, right from your MAX 700

5GHz OR 2.4GHz

Ethernet LAN

AP One Rugged

MAX 700

4G LTE
4G LTE

Internet

1 In areas where landline is not feasible, you can connect to multiple 4G LTE/3G with MAX 700 for ultra-fast and ultra-reliabile Internet connectivity

The AP One is available in a variety of configurations. Whether you need Wi-Fi in a single conference room or across a large outdoor area, there's an AP One model built for the job. Visit peplink.com/ap-one for details.
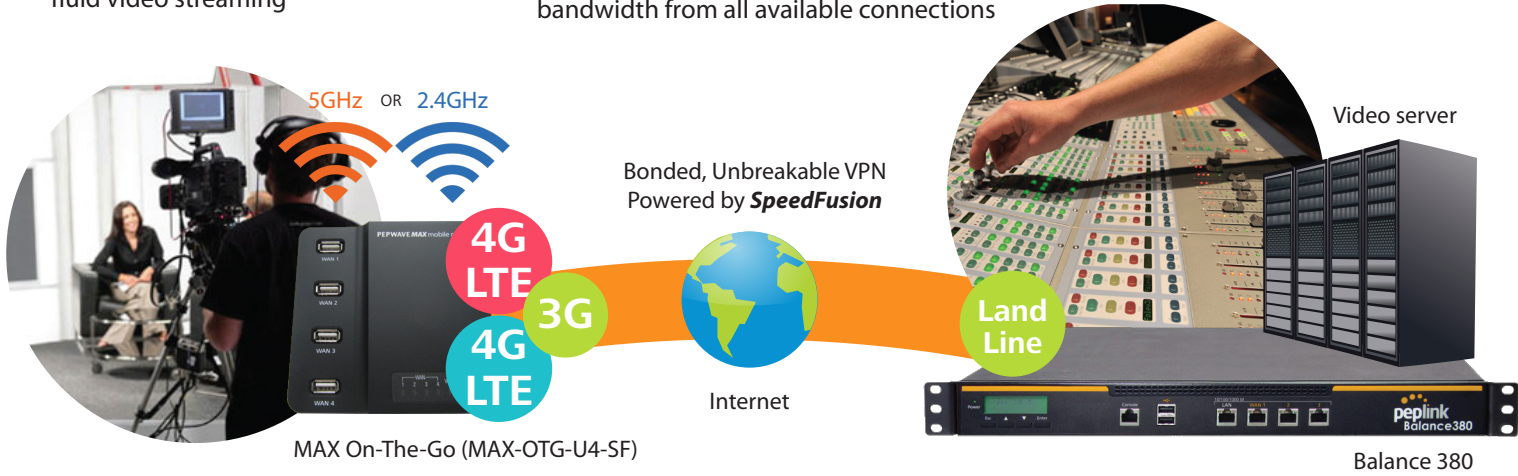
2 State-of-the-art load balancing and failover for unparalleled uptime

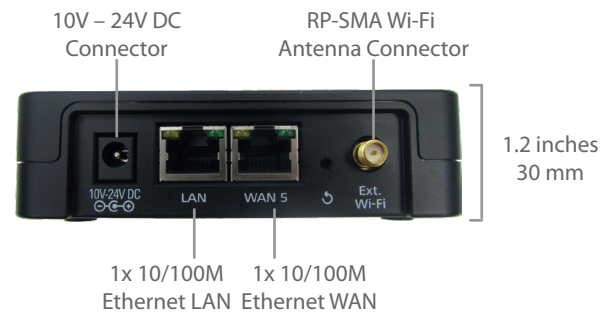# Broadcasting and Media – Blazing Fast Video Broadcast on Multiple 4G LTE/3G Links

4 In case of a WAN failure, *SpeedFusion* instantly and seamlessly switches traffic to another connection; for ultra-reliable video streaming

2 Unbreakable VPN delivers fast and fluid video streaming

3 *SpeedFusion* allows you to transfer video using bandwidth from all available connections

5GHz OR 2.4GHz

4G LTE
3G
4G LTE

Bonded, Unbreakable VPN Powered by *SpeedFusion*

Land Line

Video server

Internet

MAX On-The-Go (MAX-OTG-U4-SF)
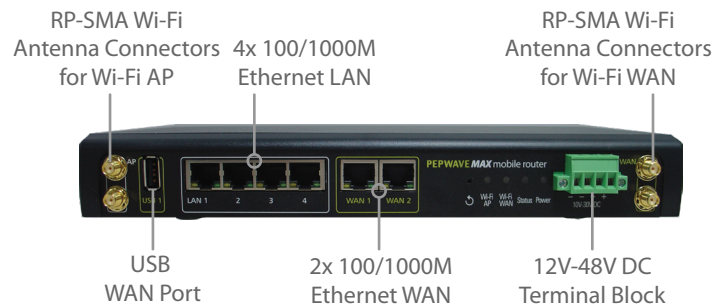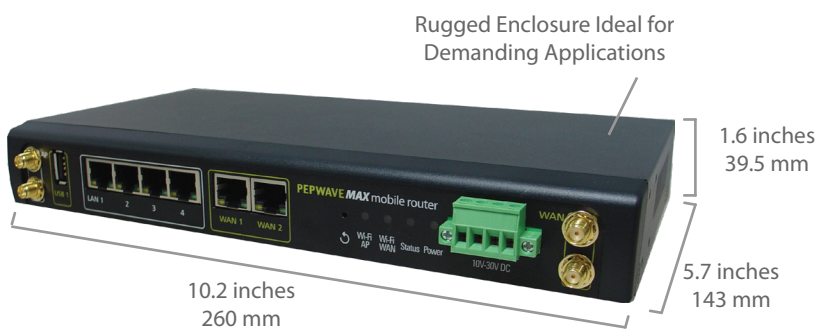
Balance 380

1 *SpeedFusion* creates an *unbreakable, high-bandwidth connection* using multiple USB 4G LTE/3G modems from different carriers

Hardware

MAX On-The-Go

Integrated 1dBi Omni WiFi Antenna

4x USB WAN Interfaces

Low-Profile, All-Purpose Enclosure

4.3 inches
110 mm

Wall-Mountable

4.3 inches
110 mm

10V – 24V DC Connector

RP-SMA Wi-Fi Antenna Connector

1.2 inches
30 mm

1x 10/100M Ethernet LAN

1x 10/100M Ethernet WAN

MAX 700

Rugged Enclosure Ideal for Demanding Applications

1.6 inches
39.5 mm

10.2 inches
260 mm

5.7 inches
143 mm

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi AP

4x 100/1000M Ethernet LAN

RP-SMA Wi-Fi Antenna Connectors for Wi-Fi WAN

USB WAN Port

2x 100/1000M Ethernet WAN

12V-48V DC Terminal Block

12V-48V DC Connector

3x USB WAN Interfaces

Specifications

	MAX On-The-Go	MAX 700
WAN Interface	4x USB Interfaces 1x 10/100M Ethernet Port	4x USB Interfaces 2x 100/1000M Ethernet Ports
LAN Interface	1x 10/100M Ethernet Port	4x 100/1000M Ethernet Ports
W-Fi Interface	1x 802.11a/n or b/g/n 150Mbps Wi-Fi WAN and/or AP	802.11a/b/g/n 300Mbps Wi-Fi WAN 802.11ac/a/b/g/n 866Mbps Wi-Fi AP
Wi-Fi AP Operating Frequency	2412 – 2472 MHz or 5180 - 5825 MHz	2412 – 2472 MHz and 5180 - 5825 MHz
Simultaneous Dual-Band Wi-Fi AP	○	●
Router Throughput	100Mbps	200Mbps
Recommended Users	1-25	25-150
PepVPN	●	●
SpeedFusion Hot Failover	●	●
SpeedFusion WAN Smoothing	● #	●
SpeedFusion Bandwidth Bonding	○	●
Number of PepVPN/SpeedFusion Peers	2	2/20 +
PepVPN/SpeedFusion Throughput (no encryption)	40Mbps	100Mbps
PepVPN/SpeedFusion Throughput (256-bit AES)	20Mbps	60Mbps
Wi-Fi Antenna	Integrated 1dBi Omni Antenna Switchable to RP-SMA Connector for External Wi-Fi Antenna	4x RP-SMA Connectors
Enclosure	Low-Profile, All-Purpose	Indoor Metal
Dimension	1.2 x 4.3 x 4.3 inches 30 x 110 x 110 mm	1.6 x 10.2 x 5.7 inches 39.5 x 260 x 143 mm
Weight	0.43 pounds 195 grams	2.65 pounds 1.2 kg
Power Input	Device: 10V – 24V DC AC Adapter: AC Input 100V – 240V, DC Output 12V, 2A	Device: 12V – 48V DC, 3A AC Adapter: AC Input 100V – 240V / DC Output 12V Terminal Block: 12V – 48V DC, 3A
Power Consumption	20W (max.)	28W (max.)
Power Output	○	Up to four 802.3af PoE Outputs*
Operating Temperature	-14° – 149°F -10° – 65°C	-40° – 149°F -40° – 65°C
Humidity	15% – 95% (non-condensing)	
Certifications	FCC, CE, RoHS	
RF Port Lighting Immunity: ITU-T K.20 (+/- 1.5 kV)	○	●
Shock and Vibration Resistance: EN 61373:1999 IEC 61373:1999	○	●
Warranty	1-Year Limited Warranty	

#Feature is available only on MAX-OTG-U4-SF. *PoE Activation Kit is available separately. + The MAX 700 comes with 2 PepVPN/SpeedFusion peers by default. With an optional add-on, it supports up to 20 peers.

Features

WAN
Support for PPPoE, Static IP, DHCP
WAN Link Health Check
Bandwidth Allowance Monitor
USB 4G/3G Modem Support
IPv6 Support*
Support for Dynamic DNS services
WAN Port Convertible into LAN Port*

LAN
DHCP Server for LAN Clients
Extended DHCP Options
DHCP Reservation
DNS Proxy for LAN Clients
VLAN on LAN Support
Per-Port VLAN Support

AP Controller*
AP Controller Support
Wi-Fi Usage Statistics

Load Balancing*
Intelligent Failover
Session Persistence
Per-Service Load Distribution
Multiple Algorithms

Complete VPN Solution
PepVPN/SpeedFusion Hot Failover*/
SpeedFusion Bandwidth Bonding*
　Site-to-Site VPN
　Bandwidth Aggregation*
　Hot Failover*
　256-bit AES Encryption
　Pre-shared Key Authentication
　Dynamic Routing
　X.509 Certificate Support*
IPsec VPN (Network-to-Network)
　X.509 Certificate Support*

Advanced QoS
User Groups
　Bandwidth Reservation*
　Individual Bandwidth Limit*
Application Prioritization
　By User Groups*
　SIP, HTTPS, VPN QoS
　Custom Application QoS

Captive Portal Support*
Support for Wired and Wireless LAN Clients
Support for RADIUS Authentication
Support for LDAP Authentication*
Time and Usage Quotas on Open Access Mode
Built-in Customizable Splash Page

Certification
FCC, CE, RoHS
Shock and Vibration Resistance*
RF Port Lightning Immunity*

Networking
NAT and IP Forwarding
Static Routes
Port Forwarding
Many to One, One to One NAT
NAT Pool
SIP ALG, H.323 ALG
UPnP, NAT-PMP
WINS Server*
VRRP HA support*
BGP, OSPFv2 and RIPv2 Support

Security
Stateful Firewall
DoS Prevention
Web Blocking
Web Filtering Blacklists

*Available on selected models.

Product Ordering Information

MAX On-The-Go

Product Code	Description
MAX-OTG-U4	Quad-USB 4G LTE/3G router. Supports PepVPN and quad-WAN load balancing & failover. Upgradable to MAX-OTG-SF with license key.
MAX-OTG-U4-SF	Quad-USB 4G LTE/3G router. Supports PepVPN, SpeedFusion HotFailover, SpeedFusion WAN Smoothing and quad-WAN load balancing & failover.

MAX 700

Product Code	Description
MAX-GN2-R	Quad-USB 4G LTE/3G router. Supports 200+ USB 4G LTE / 3G modems from mobile carriers including Verizon, AT&T, T-Mobile, Sprint, and worldwide carrier. Supports PepVPN, SpeedFusion HotFailover, SpeedFusion Bandwidth Bonding and quad-WAN load balancing & failover.